SEQUENCE LISTING

<110>	Bruce, Wesley B. Niu, Xiping
	Novel Root-Preferred Promoter Elements Methods of Use
<130>	1166
	US 60/177,473 2000-01-21
<160>	24
<170>	FastSEQ for Windows Version 3.0
<210> <211> <212> <213>	66
<220> <223>	random oligonucleotide
<400> tgagatctgg cagctg	1 atccgttcgg ggaagggaag gtgaaagcaa gaattaccgt cctacgaatt 60 60
<210><211><211><212><213>	66
<220> <223>	random oligonucleotide
<400> tgagatctgg cagctg	2 atccgttcga caaaacggta aaaaagcggt agattaccgt cctacgaatt 60 60
<210> <211> <212> <213>	66
<220> <223>	random oligonucleotide
<400> tgagatctgg cagctg	3 atccgttcga caaaacggta aaactaaagg taactgacgt cctacgaatt 6 6
<210><211><211><212><213>	64
<220> <223>	random oligonucleotide

tgagat gctg	<400> 4 ctgg atccgttcat tgtacagcgg taaaaatcgg gagtctgtcc tacgaattca	60 64
	<210> 5 <211> 65 <212> DNA <213> Artificial Sequence	
	<220> <223> random oligonucleotide	
tgagat agctg	<400> 5 ctgg atccgttcat gcggtaaata agtccatcgg aacgtgtgtc ctacgaattc	60 65
	<210> 6 <211> 62 <212> DNA <213> Artificial Sequence	
	<220> <223> random oligonucleotide	
tgagat tg	<400> 6 cctgg atccgttcgg taaaaatgag caggggatcg aaatgtccta cgaattcagc	60 62
	<210> 7 <211> 65 <212> DNA <213> Artificial Sequence	
	<220> <223> random oligonucleotide	
tgagat agctg	<400> 7 cetgg atcegtteaa acagtgaaat ggggeaeggt agaactagte etaegaatte	60 65
	<210> 8 <211> 64 <212> DNA <213> Artificial Sequence	
	<220> <223> random oligonucleotide	
tgagat gctg	<400> 8 cetgg ateegtteag aatagaaaga ggaeggttaa aaaetagtee taegaattea	60 64
	<210> 9 <211> 66 <212> DNA <213> Artificial Sequence	
	<220> <223> synthetic oligonucleotide	
	<221> misc_feature	

.

<223> n = A,T,C or G	
<400> 9	
tgagatctgg atccgttcnn nnnnnnnnn nnnnnnnnn nnnnnnnngt cctacgaatt	60
cagctg	66
<210> 10	
<211> 10	
<211> 10 <212> DNA	
<213> Artificial Sequence	
(215) III OTT TOTAL BOGGOING	
<220>	
<223> primer with BamHI site	
<400> 10	
tgagatctgg atccgttc	18
egagacougg accogoco	
<210> 11	
<211> 18	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> primer with EcoR1 site	
1	
<400> 11	
cagctgaatt cgtaggac	18
<210> 12	
<211> 18	
<211> DNA	
<213> Artificial Sequence	
<220>	
<223> primer	
<400> 12	
gaacggatec agatetea	18
<210> 13	
<211> 18	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> primer	
<400> 13	1.0
gtectacgaa ttcagctg	18
<210> 14	
<211> 65	
<212> DNA	
<213> Artificial Sequence	
.220	
<220> <223> synthetic sequences flanking a random	
oligonucleotide	
41 130	
< 400 > 14	
tgagatotgg atoogttoga goagtaaaag taagaaaggo oogtttogto otacgaatto	60
agetg	65

<210>		
<211>		
<212>	Artificial Sequence	
22.3	cr. rerar ocquec	
<220>		
<223>	synthetic sequences flanking a random	
	oligonucleotide	
<400>	15	
tgagatctgg	aaccgttcgg ggaagggaag gtgaaagcaa gaattaccgt cctacgaatt	60
cagctg		66
<210>	16	
<211>		
< 212 >	DNA	
<213>	Artificial Sequence	
<220>		
	synthetic sequences flanking a random	
	oligonucleotide	
<400>	16	
	attegttegg ggaagggaag gtgaaageaa gaattacegt eetaegaatt	60
cagctg		66
<210> <211>		
<211>		
	Artificial Sequence	
<220>	synthetic sequences flanking a random	
(223)	oligonucleotide	
	<u> </u>	
< 4 0 0 >		<i>c</i> 0
tgagatetgg cagetg	atccgttcgg ggaagggaag gtgaaagcaa gaattaccgt cctacgaatt	60 66
cagety		
<210>	18	
<211>		
<212>	DNA Artificial Sequence	
(213)	Altificial bequence	
<220>		
<223>	synthetic sequences flanking a random	
	oligonucleotide	
<400>	18	
	atccgttcgg ggaagggaag gtgaaagcaa gaattaccgt cctacgaatt	60
cagctg		66
<210>	19	
<211>		
<212>		
<213>	Artificial Sequence	
<220>		
	synthetic sequences flanking a random	
	oligonucleotide	

•

<221>	misc_feature	
	$(1) \dots (66)$ n = A, T, C or G	
<223>	H = A, I, C of G	
<400>		
	atcngttcgg ggaagggaag gtgaaagcaa gaattaccgt cctacgaatt	60 66
cagetg		00
<210>	20	
<211>		
<212>	Artificial Sequence	
2237	office the bounds	
<220>		
<223>	synthetic sequences flanking a random oligonucleotide	
	Oligonacicotiae	
<400>		
	atcogttogg ggaagggaag gtgaaagcaa gaattactgt cotacgaatt	60 66
cagctg		00
<210>	21	
<211>		
<212>	DNA Artificial Sequence	
(213)	Artificial Sequence	
<220>		
<223>	synthetic sequences flanking a random	
	oligonucleotide	
<221>	misc_feature	
	(1) (66)	
<223>	n = A, T, C or G	
<400>	21	
	atccgttcgg ggaagggaag gtgaaagcaa aaattaccgt cctacgaatt	60
cagctg		66
<210>	22	
<211>	66	
<212>		
<213>	Artificial Sequence	
<220>		
<223>	synthetic sequences flanking a random	
	oligonucleotide	
<221>	misc feature	
<222>	(1) (66)	
<223>	n = A, T, C or G	
<400>	22	
ngagatctgg	atccgttcgg ggaagggaag gtgaaagtaa gaattaccgt cctacgaatc	60
cagctg		66
<210>	23	
<211>		
< 212 >		
<213>	Artificial Sequence	
<220>		
	synthetic sequences flanking a random	





oligonucleotide

<400> 23	60
tgagatotgg atoogttogg agaagggaag gtgaaggdag gaaatacogt ootacgaatt cagotg	66
<210> 24	
<211> 66	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> synthetic sequences flanking a random oligonucleotide	
<400> 24	
tgagatetgg atcegttega caaaaeggta aaaaageggt agattaeegt eetaegaatt eagetg	60 66